

ABSTRACT

A gasket coating admixture of a silicone polymer blend of diphenyl polysiloxane silanol polymer, methylsiloxane polymer, and powdered particulate of aluminum and/or graphite is cured with zirconium acetate to provide a coating for components such as gaskets. The silicone polymer blend is optionally admixed with any of microspheres, PTFE particles, and inert particulate. The admixtures provide a basis for designed cured coatings having internally differentiated regions interbonded by cured polymer. The coating admixture has especial value in coating gasket carriers to form gasket for use in high temperature environments.